

Overnight Culture of Colony 9 from LT10 Promoter Transformed Glycerol Stock

Made with Benchling

Project: Awesome Possum

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Purpose:

Create suspension culture of colony 9 for midi-prep DNA extraction.

Materials:

- 1.0 L glass shake flask
- dH₂O
- 12.0 g Tryptone
- 24.0 g Yeast Extract
- 8.0 mL 50.0% glycerol
- 2.31 g KH₂PO₄
- 12.54 g K₂HPO₄
- Autoclave
- Chloramphenicol
- Colony 9 Glycerol stock (LT10 Promoter in DH5a)
- Incubator/Shaker

Protocol:

The terrific broth and potassium phosphate mixture were autoclave sterilized and then combined at room temperature. Next, 200.0 mL of terrific broth and 200.0 µL of chloramphenicol were added to a 1.0 L glass shake flask. After that, a micropipette tip was used to scrape some frozen Colony 9 glycerol stock into the media/antibiotic mixture. Finally, the flask was closed with tinfoil and placed inside a shaker/incubator overnight at 37.0°C 250 RPM.